

INDUSTRIAL COMPONENT DATA

FH-5051-10 FH 0116B FH505110 OMRON FH high-speed / high performance controller 4-core, NPN/PNP, 4 cameras, W..

Brand: OMRON | Manufacturer Part Number: FH-5051-10



Manufacturer	OMRON
MPN / Reference	FH-5051-10
Catalog number	FH505110
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-49E3945A17
Generated	2026-08-02

Product Overview

FH high-speed / high performance controller 4-core, NPN/PNP, 4 cameras, W10 IoT Enterprise LTSC 2019 64bit

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Vision Systems > XPECTIA FZ

Additional Product Information

PerformanceHighProcessor familyIntel® Core™ i7Operating systemWindows 10 IoT Enterprise 2019 LTSC - 64 bitMemory8 GB RAM (non ECC)AI Scratch detection filterAI FineMatchingNumber of cameras4Integrated monitorCommunication port(s)EtherCAT Slave, EtherNet/IP, Ethernet TCP/IP, PROFINET Slave, Serial RS-232C, USBOutput typePNP/NPNApplication2D Robot guidance, Bead inspection, Code reading, Code verification, Color inspection, Counting, Defect inspection, Measurement inspection, OCR / OCV, Presence / Absence ETIM for 701439 Sensors (EC004672)

Feature Name

Feature Value

Model (EF000010)

Control unit

Voltage type (EF000187)

DC

Type of interface (EF006977)

Other

Number of outputs, signalling function, undelayed, with contact (EF003348)

0

Width (EF000008)

115 mm

Depth (EF000049)

202 mm

Height (EF000040)

190 mm

Number of outputs, signalling function, undelayed, semiconductors (EF003350)

1

Rated control supply voltage DC (EF003980)

20.4 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / FH-5051-10 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.